OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC208466

Fas (NM_001146708) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fas (NM_001146708) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fas
Synonyms:	AI196731; APO1; APT1; CD95; lpr; TNFR6; Tnfrsf6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC208466 representing NM_001146708 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCTGTGGATCTGGGCTGTCCTGCCTCTGGTGCTTGCTGGCTCACAGTTAAGAGTTCATACTCAAGGTA CTAATAGCATCTCCGAGAGTTTAAAGCTGAGGAGGCGGGTTCGTGAAACTGATAAAAACTGCTCAGAAGG ATTATATCAAGGAGGCCCATTTTGCTGTCAACCATGCCAACCTGAAAACTAG ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001146708
Insert Size:	192 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001146708.1, NP_001140180.1
RefSeq Size:	555 bp
RefSeq ORF:	192 bp
Locus ID:	14102
Cytogenetics:	19 29.48 cM
Gene Summary:	Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has multiple differences in the presence and absence of exons at its 3' end, compared to variant 1. These differences produce a unique 3' UTR and a protein (isoform 2) with a shorter and distinct C-terminus, compared to isoform 1.